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(51) International Patent Classification ⁷ : C12N 1/21, 5/10, 15/12, 15/62, 15/63, 21/00, C07H 21/00, C12P 21/00		A1	(11) International Publication Number: WO 00/49134 (43) International Publication Date: 24 August 2000 (24.08.00)																								
(21) International Application Number: PCT/US00/04340 (22) International Filing Date: 18 February 2000 (18.02.00)		(74) Agent: SPRUNGER, Suzanne, A.; American Home Products Corporation, Patent & Trademark Dept. - 2B, One Campus Drive, Parsippany, NJ 07054 (US).																									
(30) Priority Data: <table border="0"><tr><td>60/120,680</td><td>19 February 1999 (19.02.99)</td><td>US</td></tr><tr><td>09/298,733</td><td>23 April 1999 (23.04.99)</td><td>US</td></tr><tr><td>60/149,639</td><td>17 August 1999 (17.08.99)</td><td>US</td></tr><tr><td>60/155,686</td><td>23 September 1999 (23.09.99)</td><td>US</td></tr><tr><td>60/157,247</td><td>1 October 1999 (01.10.99)</td><td>US</td></tr><tr><td>60/167,823</td><td>29 November 1999 (29.11.99)</td><td>US</td></tr><tr><td>60/167,822</td><td>29 November 1999 (29.11.99)</td><td>US</td></tr><tr><td>Not furnished</td><td>15 February 2000 (15.02.00)</td><td>US</td></tr></table>		60/120,680	19 February 1999 (19.02.99)	US	09/298,733	23 April 1999 (23.04.99)	US	60/149,639	17 August 1999 (17.08.99)	US	60/155,686	23 September 1999 (23.09.99)	US	60/157,247	1 October 1999 (01.10.99)	US	60/167,823	29 November 1999 (29.11.99)	US	60/167,822	29 November 1999 (29.11.99)	US	Not furnished	15 February 2000 (15.02.00)	US	(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).	
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(71) Applicant: ALPHAGENE, INC. [US/US]; 260 West Cummings Park, Woburn, MA 01801 (US). (72) Inventors: VALENZUELA, Dario; 1081 Hill Road, Boxborough, MA 01719-1010 (US). YUAN, Olive; 292 Mystic Street, Arlington, MA 02174 (US). HOFFMAN, Heidi; 90 Houghton Mill Road, Lunenburg, MA 01462 (US). HALL, Jeff; 4 Alderwood Drive, Stratham, NH 03885 (US). RAPIEJKO, Peter; 63 Old Grafton Road, Upton, MA 01568 (US).		Published <i>With international search report.</i>																									
(54) Title: SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM																											
(57) Abstract <p>The present invention provides secreted proteins and polynucleotides encoding them, along with therapeutic, diagnostic and research utilities for these polynucleotides and proteins.</p>																											

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Lys Phe Leu Ser Glu Lys Asp Arg Lys Arg Ile Leu Ile Thr Gly Gly	85	90	95
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Pro Glu Val His Pro Gln Ser Glu Asp Tyr Trp Gly His Val Asn Pro	210	215	220
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Gly Cys Phe Tyr Leu Phe Gly Phe Leu Ser Ala Gly Tyr Leu Cys Cys
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Val Leu Trp Gly Trp Phe Ser Ala Cys Gly Leu Asp Ile Val Leu Trp
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Ser Phe Leu Leu Ala Val Val Cys Leu Leu Gln Leu Ala His Leu Val
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